

Danish Decommissioning RD&D perspective

IGD TP, Berlin 3-4 December 2018

Programme stage

- Building of upgraded storage facility, planned to be ready by 2021.
- Based on Parliamentary Resolution from May this year.
- Intermediate storage of waste continues at Risø for a period of up to 50 years. Storage facilities will be upgraded and moved onto higher grounds to ensure safekeeping of the waste
- Efforts to find an international solution for the 233 kg of special waste are continued
- Geological survey of the Danish possibilities for a deep repository for all waste is initiated
- A thorough political process involving municipalities and other relevant stakeholders is initiated

Highest RD&D priorities/topics

- Knowledge of deep clay deposits – 5 year project initiated by Geological Survey of Denmark and Greenland
- Waste containers in relation to repository
- Waste inventory
- Engineered barrier materials, including repository concept
- Modelling of migration of radioactive and dangerous substances from the repository
- Communication and public participation, including sustaining long term interest

Drivers of the RD&D priorities/topics

- The development since 2008
 - Pre-feasibility study for final repository, including conceptual safety assessment (2011).
 - Analyses of longterm storage (2015-2016).
- International cooperation (ERDO, Club of Agencies, bilateral etc.)
- National and international regulations and recommendations
- Interactions with stakeholders.